

### **Abstract**

A connector apparatus for controlling fluid dispensing/transmission that includes a control component for communication between couplers thereof. A first coupler has a transmitter, and is releasably connected with a mating reader coupler that has a transmitter and fluid control device to exchange information with the transmitter of the first coupler. The transmitters communicate and are operated by wireless means such as by RF devices. Upon confirming that the first coupler is properly coupled to the mating coupler and that the first coupler has a proper identification, the fluid control device controls fluid flow, using the transmitters of the first coupler and the mating reader coupler, under predetermined parameters, e.g., pressure, temperature, duration, and flow rate, as indicated in the first coupler.